us-09-960-643-2.p2n.rge

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                                                                                                                                                                                                                                          18 AIGGGTCGAAAQGAAGAAGAAGAACGCGGAGTCCTGGAAAGAAACAGACCACCAACATCCGG
                                                                                                                                                                                                                          MetGlyArgLysGluGluAspAspCysSerSerTrpLysLysGlnThrThrAsnIleArg
                                                               1738
476
0
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                                                                 Length:
Matches:
Conservative:
Mismatches:
Indels:
Gaps:
357
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/product = "hypothetical protein"
/product = "hypothetical protein"
/brotein_id="Challiss_!"
/db_xref="G1:467872"
/db_xref
         HS372L161
Human gene Lsolated from PAC 272L16, chromosome 1, similar to calcium/calmodulin dependent protein Kinases.
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                                                                                                                                                                                                                       Direct Submission Submission Submission Submitted (21-APR-1999) E-mail contact: humqueryesanger.ac.uk submitted (21-APR-1999) E-mail contact: humqueryesanger.ac.uk This sequence was generated from cDNA clones isolated using aequence from the bacterial clone 2721.6 (AL023784) and EST data. The EST sequences listed match this sequence with an identity of least 95% between the coordinates shown.

Purther information can be found at http://www.sanger.ac.uk/RGP/Chri/Partial, experimentally determined gene.
                                                                                                                                                 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Nammalia; Eutheria; Primates; Cetarrhini; Hominidae; Homo.
1 (bases 1 to 1738)
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1356 ... 1356

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1010(1469 ... 1350, 1553 ... 1723, 1721 ... 1738)

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Location/Qualifiers
1. .1738
                                                                                                                                                                                                                                                                                                                                                                                                                         /organism-"Homo sapiens"
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/map="1q32.1-32.3"
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AL049688.1 GI:4678721
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In denocade polypeptides (AAAI864-AAAI8713) with noctropic.

In munical pressant and cytoctatic activity. The polynucleotides are useful in gene therapy. A composition containing a polypeptide or polynucleotide of the invention may be used to treat diseases of the peripheral nervous alocalised neuropaths and central nervous system diseases, such as localised neuropaths and central nervous system disease, amyorrophic lateral sclerosis, and Shy-prager Syndrome. Other uses include the utilisation of the activities and such as: Immune system suppression. Activity, inhibito activity, chemotectic/chemokinetic activity, haemostatic and hiromobylyic activity, cancer disenses and therapy, drug screening, assays for receptor activity, arthritis and infammation, leukaemiss and assays for receptor activity, arthritis and infammation, leukaemiss and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Note: The sequence data for this petent did not form part of the printed specification.
Human; nootropic; immunosuppressant; cytostatic; gene therapy; cancer; peripheral nervous system; neuropathy; central nervous system; CNS; Alzheimer's; Parkinson's disease; hentington's disease; hemostatic; anyotrophic lateral solerosis; SNy-brager Syndrome; chemotactic; chemokinetic; thrombolytic; drug screening; arthritis; inflammation;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Wang D;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            61 RDSSLRNEIAVLKKIKHENIVTLEDIYESTTHYYLVMOLVSGGELPDRILERGVYTEKDA 120
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Novel nucleic acids and polypeptides, useful for treating disorders such as central nervous system injuries
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 100.0%; Score 2513; DB 22; Length 497; Best Local Similarity 100.0%; Pred. No. 5.1e-220; Matches 476; Conservative 0; Nismatches 0; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Tang YI, Liu C, Asundi V, Chen R, Ma T, (Wang J, Wang E, Wehrman T, Xu C, Xue AJ, thao QA, Zhou P, Goodrich R, Dimanac RI;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Example 2; SEQ ID NO 6478; 10078pp; English.
                                                                                                                                                                                                                                                                               21-JAN-2000; 2000US-0488725.
25-AFR-2000; 2000US-0552117.
09-JUL-2000; 2000US-0598042.
19-JUL-2000; 2000US-0653150.
14-SEP-2000; 2000US-0653150.
14-SEP-2000; 2000US-0653150.
19-CCT-2000; 2000US-0653150.
                                                                                                                                                                                                                                          26-DEC-2000; 2000WO-US34263.
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N-PSDB; AAI60703.
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                                                                                                                                                                   WO200153312-A1.
                                                                                                                                 Homo sapiens.
                                                                                                                                                                                                        26-JUL-2001.
                                                                                            leukaemia.
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The invention relates to human nucleic acids (AAI57)98-AAI61369) and the invention relates to human nucleic acids (AAI5798-AAI61369) and the encoded polypeptides (AAM38642-AAM42131) with nockropic, immunosuppressant and cytostatic acitivity. The polynucleotides are useful in gene therapy. A composition containing a polypeptide or polynucleotide of the invention may be used to treat diseases of the paripheral nervous system, such as peripheral nervous injuries, peripheral nervous system, such as peripheral nervous injuries, peripheral nervous system classan, such as a containmer, a parkinson's disease, such as a cativitation of the activities such as: Immune system suppression.

Althemmer's parkinson's disease, Huntington's disease, another cutilisation of the activities such as: Immune system suppression.

Althoughout activity, chemcer diagnosis and therapy, drug screening, and thrombolytic activity, arthritis and inflammation, leukagmias and contains assays for seceptor activity, arthritis and inflammation, leukagmias and contains and contai
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2; Indels 0; Caps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Wang
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Novel nucleic acids and polypeptides, useful for treating disorders such as central nervous system injuries -
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Tang YT, Liu C, Agundi V, Chen R, Ma Y, Qian XB, Ren F, W
Wang J, Wang Z, Wehrman T, Xu C, Xue AJ, Yang Y, Zhang J;
Zhao QA, Shou P, Goodrich R, Drmanac RT;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
68.9%; Score 1687; DB 22; Length 1956;
Best Local Similarity 99.9%; Pred. No. 0;
Matches 1787; Conservative 0; Mismatches 2; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 1956 BP: 474 A: 559 C; 508 G: 414 T; 1 other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Claim 1; SEG ID NO 4692; 10078pp; English.
                                                                                                                                                                                      21-JAN-2000; 2000US-0488725.
25-ARR-2000; 2000US-0552137.
09-JUL-2000; 2000US-0598042.
19-JUL-2000; 2000US-0620312.
03-ANG-2000; 2000US-065191.
14-SEP-2000; 2000US-065191.
19-CCT-2000; 2000US-0631036.
29-NOV-2000; 2000US-0533036.
                                                                                                                                           26-DEC-2000; 2000WO-US34263
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P-PSDB; AAM41547.
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Human: mootropic: immunosuppressant; cytostatic; gene therapy; cancer; peripheral nervous system; nervous system; CNS; Altheimer's; Parkinson's disease; Huntington's disease; hemostatic; amyotrophic lateral sclerosis; Shy Drager Syndrome; chemotactic; chemokinetic; thrombolytic; drug screening; arthritis; inflammation;
                                                                                                                                    Human polynucleotide SEQ ID NO 4692.
                               AAI60703 standard; cDNA; 1956 BP
                                                                                                22-0CT-2001 (first entry)
                                                                    MI60703;
RESULT 2
AAI60703
ID AAI6
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ර සි	372	TGGTGGGAGCTCTTTGACCGGATCCTGGAGCGGGGTGTCTACACAGAGAAGGATGCCAG 431 
÷ 6	432	TCTGGTGATCCAGCAGGTCTTGTCGGCAGTGAAATACCTACATGAGAATGGCATCGTCCA 491 
\$ a	492	CAGAGACTIAAAGCCCGGAAAACTGCTTTACCTTACCCTGAAGAGAACTCTAAGATCAT 551 
oy og	552	GATCACTGACTTGGGTCTGTCCAAGAAGGAACAGAATGGGATGATGTCCACTGCGTGG 611
ç q	612	GACCCCAGGCTACGTGGCTCCAGAAGTGCTGGCCCAGAAACCCTACAGCCTGTGGA 671
ò a	672 667	THGCHGGTCCATCGGCGTCATCACCTACATATTGCTCTGTGGATACCCCCGTTCTATGA 731 
9 9	732	agaaacggagtctaagcttttcgagaagatcaagggctactatgagtttgagtctcc 791 
6 6 8	792	ATICIGGGAIGACATIICIGAGICAGCCAAGGACIITAAIIIGCACTIGCTIGAGAGGA 851 
à a	852	TCCGAACGACGACACCTGTGAGACCCTTGAGTCATCCCTGGATTGACGGAAACAC 911 
\$ a	912	
\$ 6	972	
o 4	1032	CATGANCTGCACAGCCCGGGCGTCCGCCAAAGTGAAACAGGCGCCGCCTGAAACTCA 109
ç g	1092	AGCCTCAGNACCTCTAGACCCCAGCTCCCCTGAGATCACCATCACCGAGGCACCTGTCCT 1151
\$ 8	1152	GGACCACAGTGTAGCACTCCCTGCCCTGACCCAATTACCCTGCCGCACATGGCGGCGCGGCC 1211
<i>≿</i> 8	1212	CACTGCCCTGGTGGCAGGTCCCTCAACTGCCTGGTCAATGGCTCCGCTCCACATCAGCAG 1271 
දු පු	1272	CAGCCTGGFGCCCARGCATCAGGGFCCCTGGCCGGGGCCTGTGGCTGGTGGTCCAG 1331 
ò a	1332	CTCCTGAACATTGGGAGCAAAGGAAA 

ò	1392	1392 AAAGCCCAACAAAAACAGAACTTCAAGTCGCAGGTCATGCTACCACCAGTGG 14	1451
윱	1387		1446
ò	1452	c) -	1511
ą	1447	1447 CAGCTCCCACTGCCGGGCAGGCCAGACTGGAGTCTGTCTTATATGTGATTCCTGGAGCC 15	1506
ò	1512	TGTGCCTATGTCACTGCAATTTTCAGGAGACATATTCAACTCCTCCTCTTCCAAACCT	1571
đ	1507	TGTGCCTATGTCACTGCAATTTTCAGGAGACATATTCAACTCCTCTGCTCTTCCAACCT	1566
0y	1572	GGTGTCTATCCGGCAGAGGCAGGCAGAGCCAAGACGAGCGGCTTAGCAGGAGCAG	1631
윱	1567	1567 GGTGTCTATCCGGCAGAGGGGAGGAGGCAGAGCCAGGGCAGGGGCTTAGCAGGAGCAG 16	1626
ò	1632	TTTCTGGCCAGAAGCACCTGCTGCCAGCGGGCAGCCCCTCATAGGAGGCCCAGGA	1691
g	1627	TTTCTGGCCAGAAGCACCAGCCTGCCAGCGGGGGCAGCCCTCATAGGAGGCCCAGGA	1686
ò	1692	1692 GGGAGCCCCAAGGCGTAGAAGCCTTGTTGAAGCTGTGAGCAGAGAAGGGGTGCCCACCA 1751	751
g	1687	1687 GGBACCCCCAAGGCGTAGAGCCTTGTTGAAGCTGTGAGCAGGAAGCGGTGCCCACCA 17	1746
ογ	1752	1752 GETTCCAGGTCTCCCTGACCTGCCTGTATGCCCCACACCCTACGTG 1800	
â	1747	GCTTCCAGGCTCTCCCTGACCTGCTCTTTTTTTTTTTTT	